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Docket No.: F8930.0000/P019
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Larry D. Frederick, et al.

Application No.: 09/811,781

Group Art Unit: 2878

Filed: March 20, 2001

Examiner: Not Yet Assigned

For: ARMORED ROCK DETECTOR

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Box Missing Parts
Commissioner for Patents
Washington, DC 20231

Dear Sir:

In response to the Notice to File Missing Parts of Application – Filing Date
Granted mailed April 24, 2001, Applicant respectfully submits a Fee Transmittal, Petition
for Extension of Time, a Declaration for Patent Application, a Power of Attorney or
Authorization of Agent, a Recordation and Assignment, and a Submission of Formal
Drawings.

A check in the amount of \$974.00 is enclosed covering the fees set forth in 37
CFR 1.16 and 1.17. The Commissioner is hereby authorized to charge any deficiency in
the fees filed, asserted to be filed or which should have been filed herewith (or with any

paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. F8930.0000/P019. A duplicate copy of this paper is enclosed.

Dated: August 24, 2001

Respectfully submitted,

By W. E. Powell III

William E. Powell III

Registration No.: 39,803

DICKSTEIN SHAPIRO MORIN &
OSHINSKY LLP

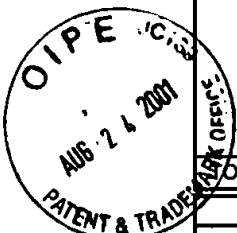
2101 L Street NW

Washington, DC 20037-1526

(202) 775-4798

Attorneys for Applicant

FILED - 752450



FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	09/811,781
Filing Date	March 20, 2001
First Named Inventor	Larry D. Frederick
Examiner Name	Not Yet Assigned
Group Art Unit	2878
Attorney Docket No.	F8930.0000/P019

TOTAL AMOUNT OF PAYMENT (\$) 974.00

METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 04-1073

Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed

☒ Check ☐ Credit Card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	201	710	355	201	355	Utility filing fee	355.00
106	206	320	160	206	160	Design filing fee	
107	207	490	245	207	245	Plant filing fee	
108	208	710	355	208	355	Reissue filing fee	
114	214	150	75	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)							355.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
51	31	9	279.00
Independent Claims	4	1	40.00
Multiple Dependent			319.00

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
103	203	18	9	Claims in excess of 20	
102	202	80	4	Independent claims in excess of 3	
104	204	270	135	Multiple dependent claim, if not paid	
109	209	80	40	** Reissue independent claims over original patent	
110	210	18	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					319.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	205	130	65	205	65	Surcharge - late filing fee or oath	65.00
127	227	50	25	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	239	130	130	239	130	Non-English specification	
147	247	2,520	2,520	247	2,520	For filing a request for <i>ex parte</i> reexamination	
112	212	920*	920*	212	920*	Requesting publication of SIR prior to Examiner action	
113	213	1,840*	1,840*	213	1,840*	Requesting publication of SIR after Examiner action	
115	215	110	55	215	55	Extension for reply within first month	
116	216	390	195	216	195	Extension for reply within second month	195.00
117	217	890	445	217	445	Extension for reply within third month	
118	218	1,390	695	218	695	Extension for reply within fourth month	
128	228	1,890	945	228	945	Extension for reply within fifth month	
119	219	310	155	219	155	Notice of Appeal	
120	220	310	155	220	155	Filing a brief in support of an appeal	
121	221	270	135	221	135	Request for oral hearing	
138	238	1,510	755	238	755	Petition to institute a public use proceeding	
140	240	110	55	240	55	Petition to revive - unavoidable	
141	241	1,240	620	241	620	Petition to revive - unintentional	
142	242	1,240	620	242	620	Utility issue fee (or reissue)	
143	243	440	220	243	220	Design issue fee	
144	244	600	300	244	300	Plant issue fee	
122	222	130	65	222	65	Petitions to the Commissioner	
123	223	50	25	223	25	Processing fee under 37 CFR 1.17(q)	
126	226	180	90	226	90	Submission of Information Disclosure Stmt	
581	581	40	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	246	710	355	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	249	710	355	249	355	For each additional invention to be examined (37CFR 1.129(b))	
179	279	710	355	279	355	Request for Continued Examination (RCE)	
169	269	900	450	269	450	Request for expedited examination of a design application	
Other fee (specify)							
*Reduced by Basic Filing Fee Paid							
SUBTOTAL (3) (\$)							300.00

SUBMITTED BY

Name (print/type): William E. Powell III

Signature: W.E. Powell III

Registration No. (Attorney/Agent): 39,803

Complete (if applicable)

Telephone: (202) 775-4798

Date: August 24, 2001

Please type a plus sign inside this box



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/811,781		
	Filing Date	March 20, 2001	
	First Named Inventor	Larry D. Frederick et al.	
	Group Art Unit	2878	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	12	Attorney Docket Number	F8930.0000/P019

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s) (10 sheets, Figs 1-16)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Executed Declaration for Patent Application; Power of Attorney or Authorization of Agent.
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP William E. Powell III
Signature	<i>W.E. Powell III</i>
Date	August 24, 2001



Docket No.: F8930.0000/P019
(PATENT)

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In re Patent Application of:
Larry D. Frederick, et al.

Application No.: 09/811,781

Group Art Unit: 2878

Filed: March 20, 2001

Examiner: Not Yet Assigned

For: ARMORED ROCK DETECTOR

SUBMISSION OF FORMAL DRAWINGS

Commissioner for Patents
Washington, DC 20231

Dear Sir:

Submitted herewith is one set (ten sheets, sixteen figures) of formal drawings for filing in the above-identified patent application. Kindly substitute the enclosed formal drawings for the informal drawings submitted with the originally filed application.

Dated: August 24, 2001

Respectfully submitted,

By

William E. Powell, III

Registration No.: 39,803

DICKSTEIN SHAPIRO MORIN &
OSHINSKY LLP

2101 L Street NW

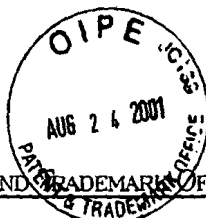
Washington, DC 20037-1526

(202) 775-4798

Attorneys for Applicant



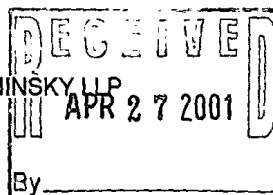
UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/811,781	03/20/2001	Larry D. Frederick	F8930.0000/P019

24998
DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP
2101 L STREET NW
WASHINGTON, DC 20037-1526



CONFIRMATION NO. 9292

FORMALITIES LETTER



OC000000006000243

Date Mailed: 04/24/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

08/27/2001 H01BREH1 00000130 09811781

FILED UNDER 37 CFR 1.53(b)

01 FC:201 355.00 OP
02 FC:202 40.00 OP
03 FC:203 279.00 OP
04 FC:205 65.00 OP

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$638.
 - \$558 for 31 total claims over 20.
 - \$80 for 1 independent claims over 3.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1478.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

A copy of this notice MUST be returned with the reply.



Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE

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